| Index of | ^F Claims |
|----------|---------------------|
| | |

| Appliq | ation/Control No. | $\overline{}$ |
|--------|-------------------|---------------|
| 10 | ation/Control No. | く |
| 10 | 1001001 | _ |

(2) (1) (F)

Examiner

Applicant(s)/Patent under Reexamination

Art Unit

| _ | Allowed |
|----------|----------|
| √ | Rejected |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | — — | | | | _ | | _ | | | | | | |
|--|----------|---|------------|----------|----------|----------|--------------|----------|--|--|-----|-------|----------|--|---|
| Cla | aim | | | | · | Dа | te | | | | | CI | aim | L | _ |
| Final | Original | | | | | | | | | | | Final | Original | | |
| | | | | _ | ╁╴ | ╁ | + | ╁ | +- | ╁ | 1 | | 51 | + | - |
| | 2 | \Box | | | T | ╁ | ╁ | +- | †- | \top | 1 | | 52 | +- | - |
| | 3 | П | | | | | T | 1 | 十 | +- | 1 | | 53 | + | - |
| | 4 | | | | | 1 | \top | 1 | \top | 1 | 1 | | 54 | + | _ |
| | 5 | | | | | | Τ | 1 | 1 | | 1 | | 55 | T | _ |
| | 6 | | | | | | Γ | T | T | Ī | 1 1 | | 56 | \top | _ |
| | 7 | Ш | | | | | L | L | | |] | | 57 | 1 | _ |
| | 8 | | _ | _ | <u> </u> | <u> </u> | _ | | | \perp | | | 58 | Π | |
| <u></u> | 9 | | _ | | <u> </u> | ↓_ | _ | 1_ | \perp | <u> </u> |] | | 59 | | |
| - | 19 | Щ | - | | _ | ╄ | ↓_ | _ | - | ╄ | 4 | | 60 | 1 | |
| | | | -1 | | <u> </u> | ╁. | ╄ | ╁. | \perp | ļ., | . l | | 61 | L | |
| \vdash | 12 | - | \dashv | | ▙ | | ╀ | ╀ | ₩ | - | } } | | 62 | 1 | |
| \vdash | 14 | \dashv | \dashv | | - | ╁- | ├ | ┿ | ╁ | \vdash | 1 } | | 63 | ↓_ | _ |
| \vdash | 15 | | | | ├ | +- | ╁ | ╂ | ╂ | ┼ | ┨ | | 64 | ╀ | 4 |
| 1-1 | 16 | | - | • | - | ╁╌ | ╁ | ┼- | ╆ | ┼~ | 1 | | 65 | ╁ | _ |
| \vdash | 17 | - | \dashv | | ├ | ╁┈ | ╁ | ╁ | ╁ | ┼ | 1 1 | | 66 67 | | 4 |
| | 18 | + | \dashv | | - | ┼ | - | +- | + | - | 1 } | | 68 | \vdash | + |
| | 19 | H | _ | _ | - | t | \vdash | ╁ | ╁ | \vdash | 1 1 | | 69 | ├- | - |
| | 20 | \vdash | 7 | | ┢ | H | 1 | ╁ | | \vdash | 1 | | 70 | ┢ | 1 |
| | 21 | | \neg | _ | ┢ | | ┢ | † | 1 | | 1 1 | | 71 | ┢ | 1 |
| | 22 | | \neg | | \vdash | 1 | | 1- | † | 1 | 1 | | 72 | | 1 |
| | 23 | | ヿ | | | | T | | T | T | 1 | | 73 | ┢ | 1 |
| | 24 | | | | | 1 | | | Τ | \Box | 1 | | 74 | Τ | 1 |
| | 25 | | | | | | | | | | | | 75 | Г | 1 |
| | 26 | _ | 4 | | | L | | | | | | | 76 | | |
| \vdash | 27 | _ | 4 | | | _ | _ | | <u> </u> | | ļļ | | 77 | | |
| | 28 | | _ | | | | _ | _ | <u> -</u> | _ | | | 78 | L | 1 |
| \vdash | 29 30 | \dashv | | \dashv | | 1 | ļ | | | <u> </u> | | | 79 | _ | 4 |
| \vdash | 31 | \dashv | | 4 | | - | - | ├ | <u> </u> | <u> </u> | | | 80 | _ | 4 |
| + | 32 | - | -+ | \dashv | | ┢ | | ╁ | | ├ | } | | 81 | | + |
| | 33 | - | + | - | | \vdash | | - | \vdash | | | | 82 83 | | + |
| | 34 | -+ | - | - | _ | | ┝ | ╁ | ├ | - | - | | 84 | | + |
| \vdash | 35 | _ | \dashv | ᅥ | | | | \vdash | - | | - | | 85 | - | t |
| | 36 | \dashv | + | | | \vdash | - | \vdash | | | | | 86 | | t |
| | 37 | | \top | | | | | | _ | | - | | 87 | | t |
| | 38 | \neg | 十 | | | | _ | t | | | ľ | | 88 | | t |
| | 39 | \neg | T | ヿ | | | | П | | | | | 89 | | t |
| | 40 | | | | | | | T- | | | | | 90 | | t |
| | 41 | $oldsymbol{ol}}}}}}}}}}}}}} $ | \perp | J | | | | | | | | | 91 | | T |
| | 42 | \bot | _[| Ţ | | | | | | | | | 92 | | Ī |
| ├ —↓ | 43 | | _ | _ | | | | _ | | | | | 93 | | I |
| | 44 | | _ | _ | _ | | | <u> </u> | L. | Ш | L | | 94 | | Ĺ |
| ├- ─- - | 45 4C | \dashv | + | 4 | | _ | | _ | L. | \sqcup | - | | 95 | | ļ |
| - | 46 | + | | \dashv | _ | _ | | <u> </u> | ļ | Ш | - | | 96 | | 1 |
| $\vdash \rightarrow \vdash$ | 47 | - | + | - | - | | _ | <u> </u> | _ | \sqsubseteq | - | | 97 | | L |
| | 48 | - | + | + | _ | | | <u> </u> | \dashv | \dashv | - | | 98 | | L |
| | 50 | + | + | + | | \dashv | | - | _ | | _ | | 99 | _ | 1 |
| | 50 | | | | | | | | | | L | | 100 | | L |

| С | laim | I | _ | | | Da | te | | | |
|----------|----------------|--|--------------|----------------|----------|-------------------------------------|--|--|--------------|-----------------|
| _ | <u></u> | | | | | | | T | Τ | Ţ |
| Final | 1 5 | ı | 1 | | | - | | | | Ì |
| ΙŒ | Original | | | | | 1 | | | | İ |
| | | ļ | \perp | _ | | \perp | | 1 | | _ |
| ļ | 51 | 4- | 1 | 4 | \perp | 1 | 4_ | ┸ | <u>.</u> | _ |
| | 52 53 | 4- | 4 | | 4 | _ | 4 | \perp | 1_ | <u> </u> |
| - | 53 | | + | - - | - | _ | | ┷ | 4 | _ |
| | 54 55 | + | + | + | | +- | 4 | ┸ | \perp | - |
| - | 56 | +- | ╁ | ╬ | + | + | - - | 4 | + | |
| | 57 | +- | + | ╬ | + | ╁ | - - | - | + | ┼ |
| | 58 | + | +- | ╁ | | +- | ╁ | +- | ┼ | + |
| - | 59 | ╁ | + | ╁ | +- | +- | ╁ | +- | +- | ╀ |
| | 60 | + | ╁ | +- | ╁ | ╁ | + | +- | ╁ | +- |
| — | 61 | + | 十 | ╁ | +- | + | ╁ | + | +- | +- |
| | 62 | \dagger | \dagger | + | <u>,</u> | + | ╅ | +- | + | ┼~ |
| - | 63 | T | † | + | ╫ | +- | ╁ | +- | + | + |
| | 64 | 1 | 十 | + | +- | \top | +- | \top | 1 | +- |
| | 65 | T | T | \top | \top | 1 | \top | T | T | \top |
| | 66 | 1 | 1 | \top | \top | +- | 1 | 1 | \top | 1 |
| | 67 | T | 1 | T | | Τ | 1 | 1 | | † |
| | 68 | Т | | | 1 | T | | | | 1 |
| L | 69 | | L | Ι | | | | Т | 1 | |
| | 70 | | L | | | | | T | | |
| L | 71 72 73 | 1_ | | | | | | | | |
| | 72 | ╙ | _ | 1_ | ↓_ | <u> </u> | | | Ŀ | |
| | 73 | ┖ | 1_ | _ | | \perp | _ | L | | |
| ļ | 74 | _ | | ļ | _ | ļ | ┖ | | <u> </u> | <u> </u> |
| <u> </u> | 75 | | ╁ | \perp | ₋ | <u> </u> | ļ | <u> </u> | <u> </u> | _ |
| <u> </u> | 76 77 | - | - | +- | ╄- | ↓_ | - | - | _ | \sqcup |
| - | 77 | - | ╀ | ┼- | | - | ╄ | ╄- | ╄ | <u> </u> |
| - | 78 79 | ╁ | ╀ | - | ╀ | ┼ | ╀ | - | ╄ | |
| - | 80 | H | ⊢ | ╁ | ┼ | ╁ | - | ╁ | ╁ | - |
| | 81 | ╀ | ┼ | + | +- | ╁ | ╁ | ╁ | ┼ | ╁ |
| - | 82 | + | +- | ╁╌ | ╁┈╴ | + | ┼ | - | | \vdash |
| - | 82 83 | | +- | + | t- | + | \vdash | \vdash | +- | \vdash |
| | 84 | † | \vdash | †- | \vdash | †- | \vdash | ┼ | \vdash | + |
| | 85 | 1 | T | †- | T | †- | 1 | | \vdash | \vdash |
| | 86 | | ऻॱॱ | † | t | T | | | 1 | \vdash |
| | 87 | † | | 1- | Т | 1 | \top | † – | t | $\vdash \vdash$ |
| | 88 | | | 1 | Т | 1 | T | | | |
| | 89 | | Γ | | Ī | Π | T | | 1 | П |
| | 90 | | | | | Γ | Г | Π | Г | М |
| | 91 | | | | | | | | | |
| ļ | 92 | L | L | | | | | | | |
| <u> </u> | 93 | <u> </u> | _ | L | | | L | | | |
| <u> </u> | 94 | <u> </u> | _ | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ĺ | | | Ц |
| - | 95 | <u> </u> | _ | <u> </u> | | | <u> </u> | <u> </u> | | |
| <u></u> | 96 | | <u> </u> | _ | <u> </u> | <u> </u> | L | <u> </u> | <u> </u> | Ш |
| <u> </u> | 97 | | | <u> </u> | <u> </u> | L_ | _ | L. | <u> </u> | Ш |
| <u> </u> | 98 | | | <u> </u> | <u> </u> | | _ | L_ | | \Box |
| | 99 | - | _ | <u> </u> | - | <u> </u> | <u> </u> | _ | | |
| | | | | | | | | | | |

| С | laim | Г | | | _ | Da | ite | | | |
|--------------|-------------------|--|---|-----------|--------|----------|--------------|-----------|--------|--------------|
| | | 1 | T | T | Т | Т | Ť | 7 | \neg | T |
| <u>a</u> | Original | 1 | | | | | | | | |
| Final | ij | | | | 1 | | | | | |
| | ļ | | | | | | | | 1 | |
| | 101 | T | T | + | \top | ╅ | + | + | ╁ | + |
| | 101 102 | 1 | ✝ | + | 1- | ╁ | + | \dagger | + | |
| | 103 | 1 | T | + | +- | + | +- | + | + | +- |
| | 104 | \vdash | 1 | 1- | ✝ | ╁ | +- | + | ╁ | +- |
| | 104 105 | | 1 | \top | | + | + | + | + | 1- |
| | 106 | | 1 | + | + | + | + | ╁ | +- | - |
| | 107 | Т | 1 | + | + | +- | 1 | 1 | + | |
| | 108 | Г | T | 1 | 1 | \top | +- | 十 | 1 | 1- |
| | 109 110 111 | | T | 1- | ┪ | \top | _ | \top | 1- | †~~ |
| | 110 | | 1 | 1 | \top | \top | \top | \top | ╁╴ | + |
| | 111 | | T | | 1 | ┪ | +- | ┪~~ | \top | +- |
| | 112 | Г | Г | 1 | 7 | † | 1 | - | ╈ | \top |
| | 112 113 | | | \top | 1 | | \top | 1 | 1 | |
| | 114 | Г | 1 | T | 十 | ╁ | 1 | 1 | + | \dagger |
| | 114 115 | Γ | T | 1 | \top | T | 1- | \top | 1 | 1 |
| | 116 | | T | 1 | 1 | ╈ | \top | 1- | +- | \top |
| | 117 118 | | | 1 | 1- | 1 | \top | 1- | T | |
| | 118 | | İ | \dagger | 1 | T | +- | † | \top | 1-1 |
| | 1110 | _ | Г | T | 1 | 1 | 1 | \top | ╁ | 1 1 |
| | 120 121 122 | \vdash | Г | ✝ | T | \top | 1 | +- | + | 1-1 |
| | 121 | | | 1 | 1 | 1 | 1 | \top | +- | 1 |
| | 122 | | Γ | 1 | 1 | + | \top | 1 | 1 | |
| | 123 124 | | | 1 | 丅 | 1- | + | T | 1 | 1 |
| | 124 | | | | T | 1 | 1- | \vdash | 1 | \vdash |
| | 125 126 127 | | | | Т | T | | \top | T | |
| , | 126 | | | | 1 | | 1 | 1 | T | 1- |
| | 127 | | | | | 1 | | Т | | \Box |
| | 128 129 | | | T- | Τ | | T | 1 | | П |
| | 129 | | | | | | | 1 | | İΠ |
| | 130 | | | | Г | Г | | | 1 | \Box |
| | 131 132 | | | | | | 1 | 1 | | m |
| | 132 | | | ļΤ | | Π | | | | |
|] | 133 | | | Ĺ | \Box | Γ | [. | | | |
| | 134 | | | | | Γ | | | | |
| J | 135 | | | | | \Box | Γ^{-} | | | П |
| | 136 | | | | | | T | | | |
| | 137 | | | | | | | | | |
| | 138 | | | | | | | | Γ | |
| | 139 | | | | | | | | | |
| | 140 | | | | L | L | | | | |
| | 141 | | | | | | | | | |
| | 142 | | | | | | | | | |
| | 143 | | | | | L | L | | | |
| | 144 | \Box | _ | L | | | | | | |
| | 145 | | _ | | | | | L | | |
| | 146 | J | _ | | | | | | | |
| $oxed{oxed}$ | 147 | \Box | | | L | | | | | |
| | 148 | | | | | | | | | \neg |
| | 149 | | | | | | | | | \neg |
| | 150 | | | | | | - | _ | | |